



1. The scheduling of any water shut downs shall be as per Item 801 of the current CCMS. Time and duration of all shut downs shall be determined by Division of Water. The Contractor shall notify all water customers effected by the proposed work at least 24 hours in advance of the scheduled shut down.
2. All bends shall be secured by retaining glands, rodding or other methods as approved by the Engineer to restore the water main to service as soon as possible. For water mains 16" and under concrete backing shall then be provided in accordance with Standard Detail L-6310 for over bends and L-6311 for sag bends.
3. Existing Water Mains 20" and greater must have prior approval of DOW to lower under a proposed utility. Approval will only be given under special circumstances and contingent upon the Contractor submitting a designed drawing, stamped by a Professional Engineer, detailing how the lowered water main will be restrained to the existing water main.
4. The relocated mains shall be laid to the new line and grade, tested and disinfected prior to shut down of existing main and connection of the relocated mains to the existing main.
5. All water mains shall be disinfected by swabbing with a 5 per cent Hypochlorite solution in accordance with the applicable sections of A.W.W.A. C-651.
6. For a depth of cover less than ten (10) feet, provide a flat bottom trench. For a depth of cover greater than ten (10) feet, provide 6-inches of CCS No. 57 for bedding.

CITY OF COLUMBUS
DEPARTMENT OF PUBLIC UTILITIES
DIVISION OF WATER

APPROVED:

R.C. Westerhoff
ADMINISTRATOR

1-26-18
DATE

STANDARD DETAIL
TYPICAL WATER MAIN
LOWERING

L-7401